

ABSTRACT

Braked rolling bearing device of the kind for a control wheel, comprising an outer part and an inner part, one being able to rotate with respect to the other, which does not rotate, via at least one row of rolling elements arranged between the rotating and non-rotating parts, the device further comprising an element for detecting rotation parameters and an element for braking the rotating part. The braking element comprises at least one component equipped with flexible tabs bearing against an annular friction member.